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(54) Title: EQUIPMENT, SYSTEMS AND METHODS FOR CONTROL OF COLOR IN PROJECTION DISPLAYS

(57) Abstract: The present invention discloses systems, equipment and methods that allow the improved adjustment of color in projection displays. Equipment, systems and methods are disclosed for matching the color balance of each display including the color of the display primaries and further equipment, systems and methods are disclosed for the correction of a field dependant color variation across the field of an SLM based projector.

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N9/31

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Minimum documentation searched (classification system followed by classification symbols)

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Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT³

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2002/033904 A1 (Koba Hiroki ET AL) 21 March 2002 (2002-03-21)</p> <p>abstract column 3, paragraph 44 - paragraph 52; figures 1-3, 8A, 11-12B, --- -/--</p>	<p>1, 2, 11-13, 19-21, 23, 24, 28, 34-36, 38</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 415 164 A (VARI LITE INC) 6 March 1991 (1991-03-06)</p> <p>abstract column 5, line 40 -column 7, line 47; figures 1,2 column 10, line 20 -column 14, line 15; figures 4-6D,7</p>	<p>1,3, 11-13, 19-25, 28,30, 34-36,38</p>
A	<p>US 2001/048560 A1 (SUGANO YASUYUKI) 6 December 2001 (2001-12-06) abstract page 3, paragraph 35 -page 4, paragraph 47; figures 3,4</p>	<p>1,3,16, 19,28,34</p>

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